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 TI Method and device for capturing melting flying ash
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 PA Kyowa Exeo Corp., Japan
 SO Jpn. Kokai Tokkyo Koho, 13 pp.
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CLASS

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AB The method is characterized by being able to eliminate the filter clogging using reversed washing. The fly ash, with an average particle size of 3.5-7.5 μ m, from the waste gas of a combustion furnace is removed by using a bag filter. The gas flow rate is controlled at 0.4-0.7 m/min. Slaked lime of 1.5-2 times of the acid gas in the waste gas is added to the gas flow before the bag filter for neutralization.

ST device capturing melting flying ash bag filter reversed washing

IT Filters

(bags; capturing melting flying ash from waste gas using

→ teach fly ash
 from a combustion furnace
 has particle size 3.5-7.5 μ m
 well within applicant's claimed range
 of up to 10 μ m.